

0330

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COR-54

THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Cameron W. Tanner and Patrick D. Tepesch

Application No.: 09/803,133

Filed : March 9, 2001

For : METHOD APPARATUS FOR IMAGE ANALYSIS

Group Art Unit :

Examiner :

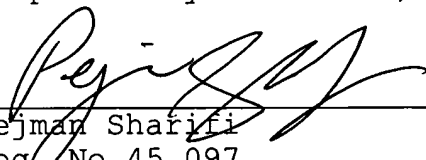
Hon. Commissioner for Patents  
Washington, D.C. 20231

SUBMISSION OF FORMAL DRAWING

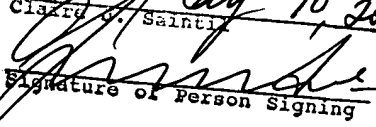
Sir:

This application was filed with 30 sheets of informal drawings. Formal drawings comprising 30 sheets for FIGS. 1-30 are now submitted herewith.

Respectfully submitted,

  
\_\_\_\_\_  
Pejman Sharifi  
Reg. No. 45,097  
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Tepesch  
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March 9, 2001  
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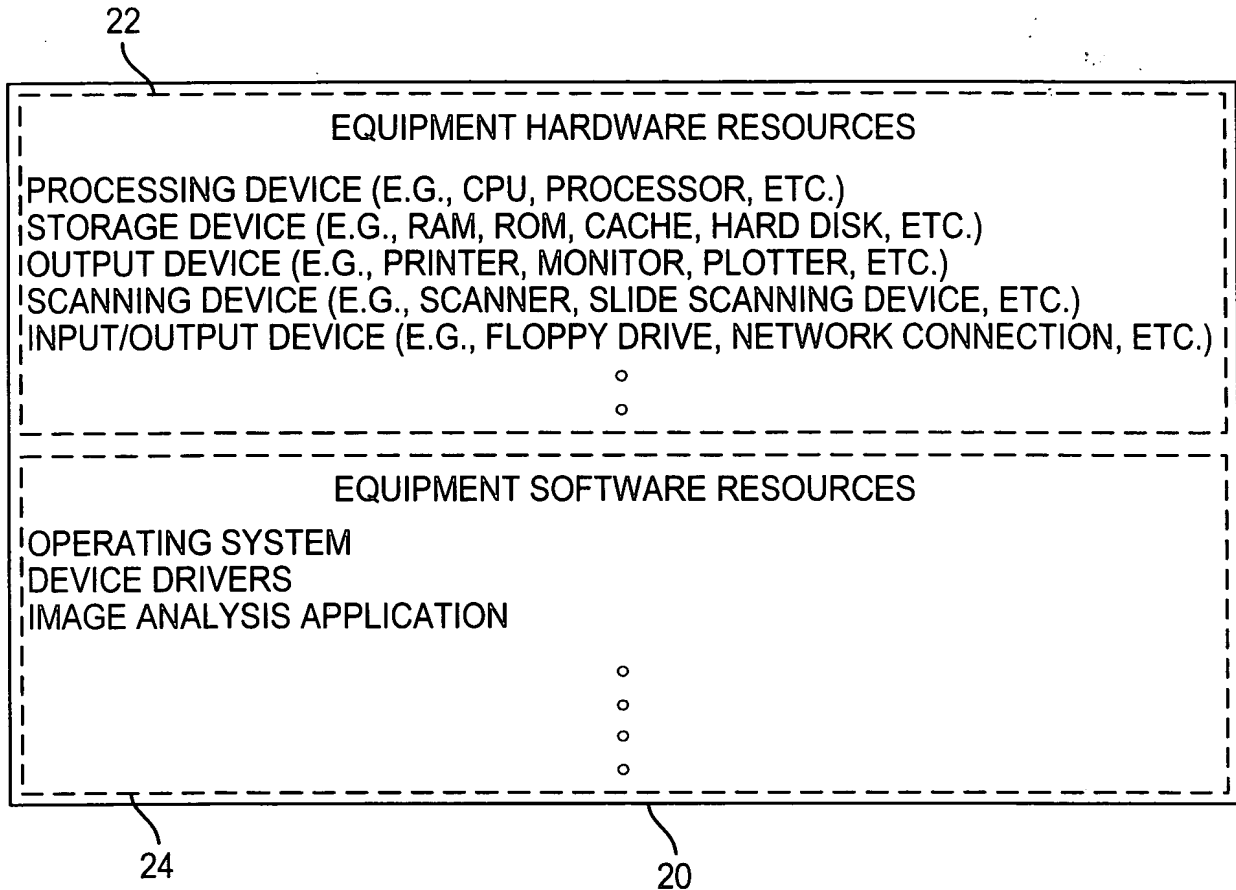


FIG. 1

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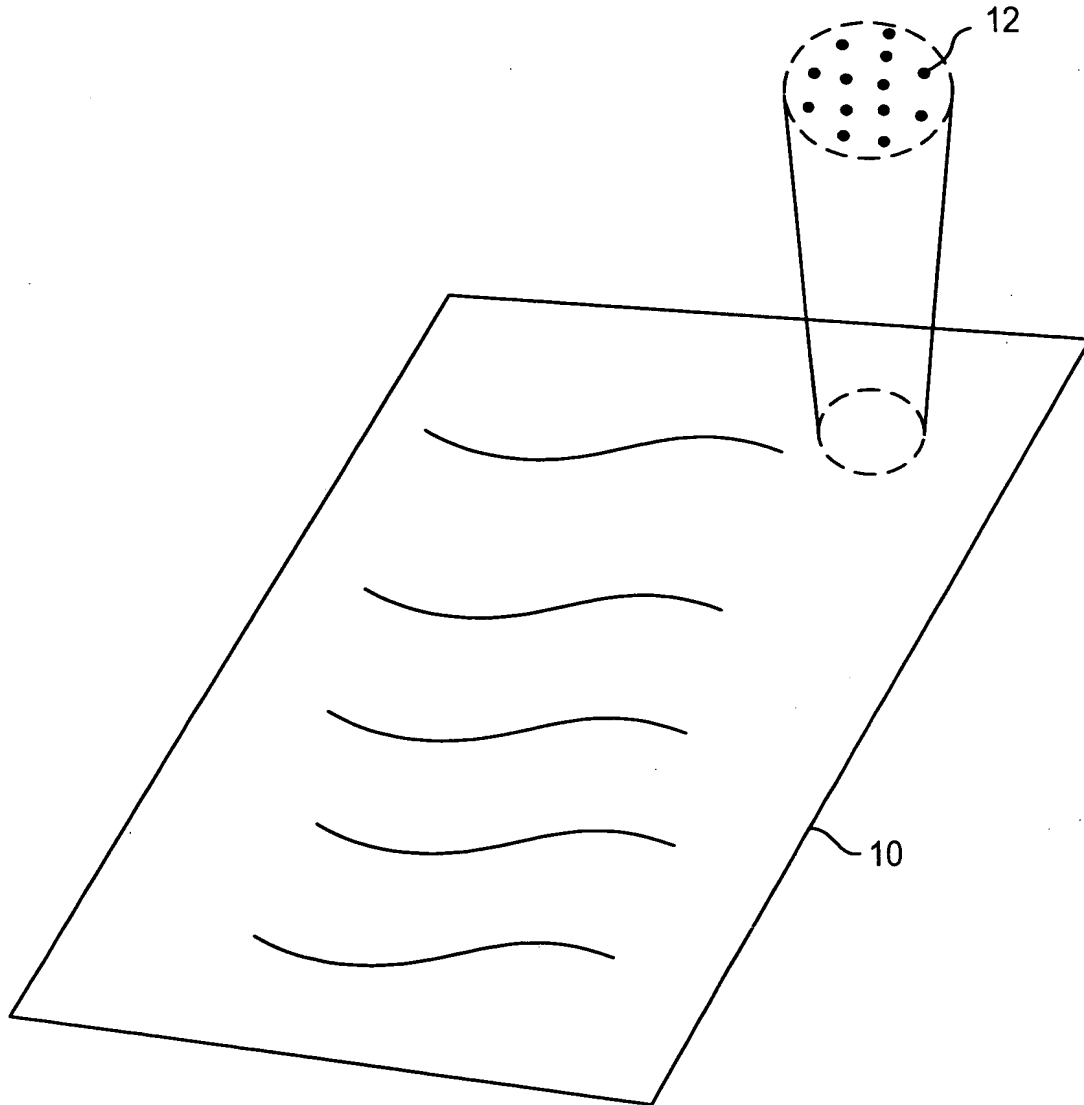
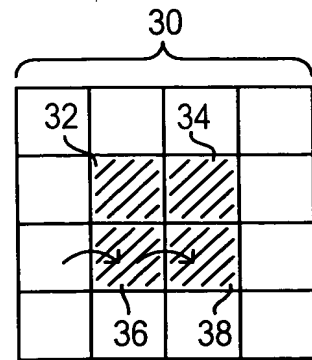
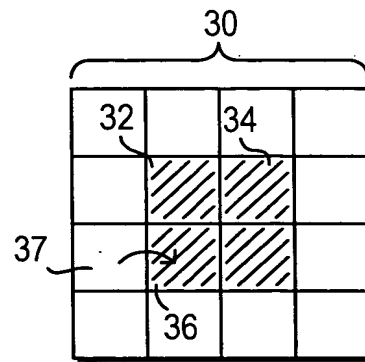
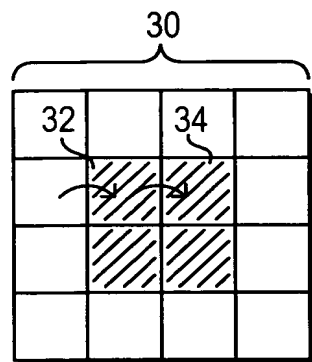
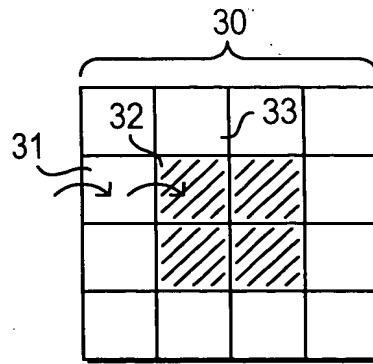
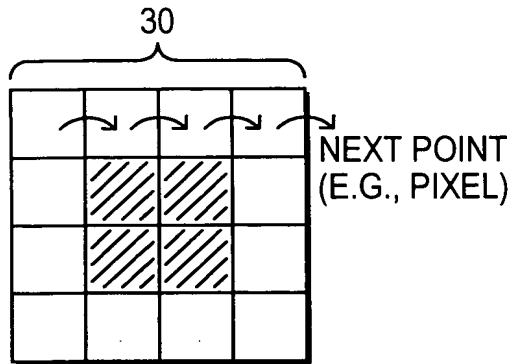


FIG. 2

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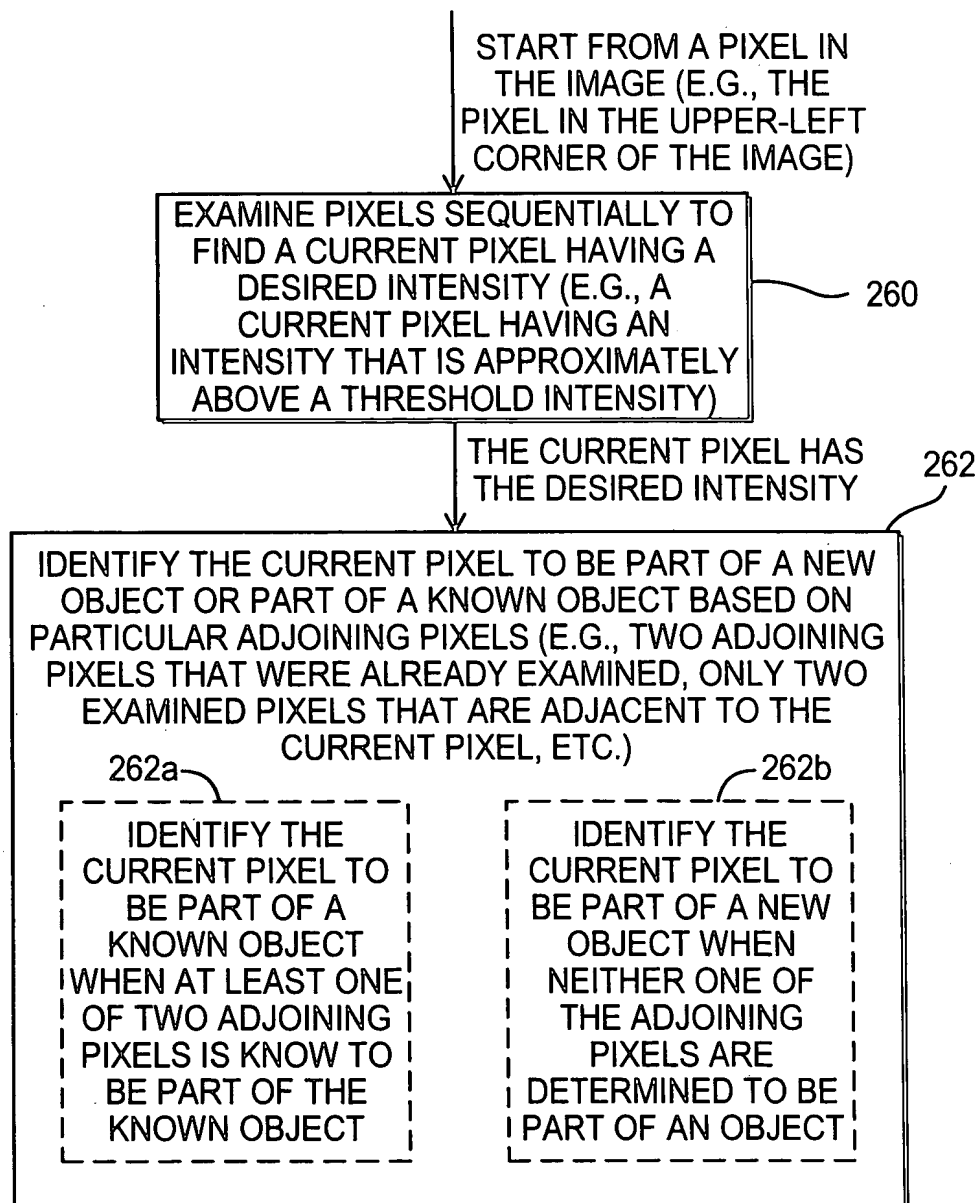
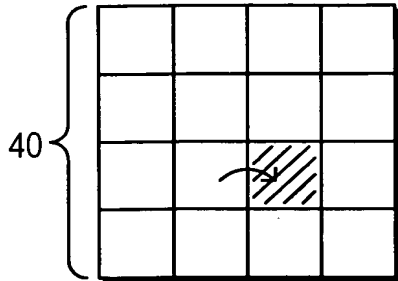


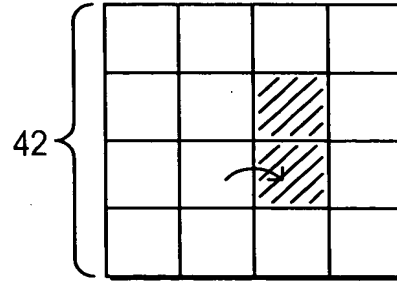
FIG. 3f

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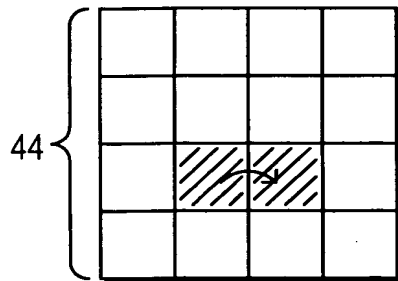
NEW SPOT

**FIG. 4a**



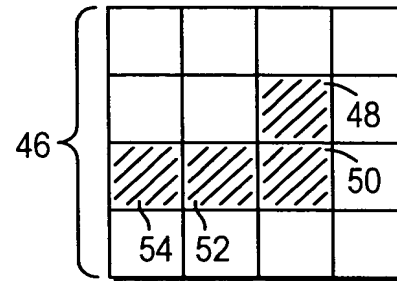
KNOWN SPOT

**FIG. 4b**



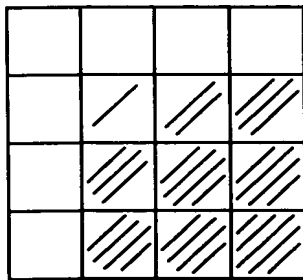
KNOWN SPOT

**FIG. 4c**



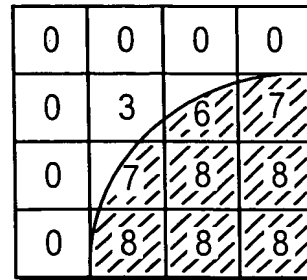
TWO KNOWN SPOTS

**FIG. 4d**



**FIG. 4e**

LIGHT INTENSITY RANGE



**FIG. 4f**

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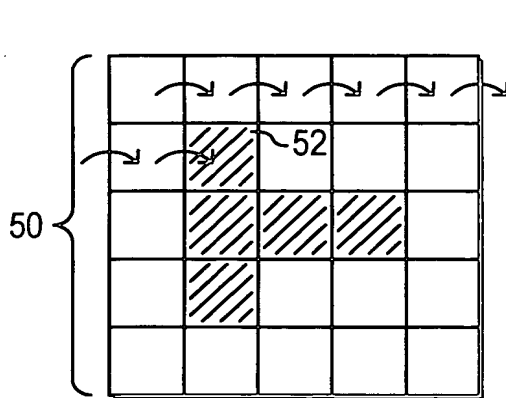


FIG. 5a

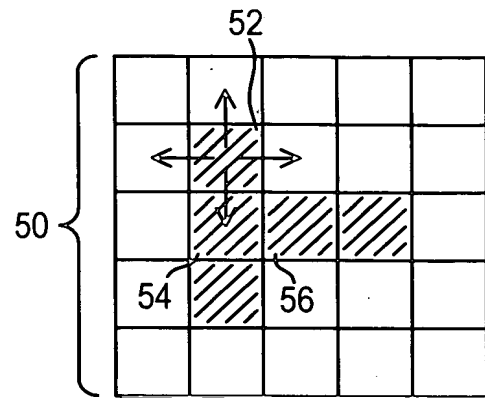


FIG. 5b

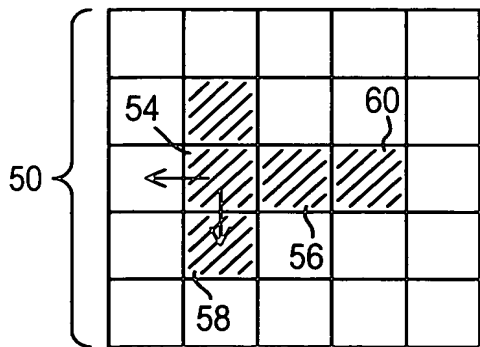


FIG. 5c

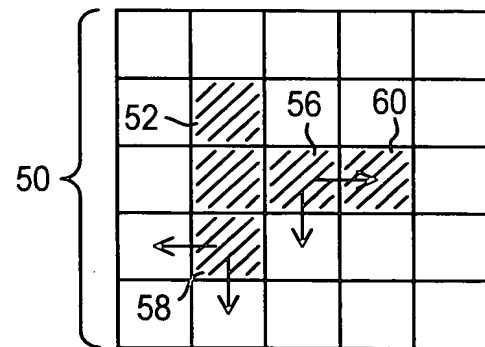


FIG. 5d

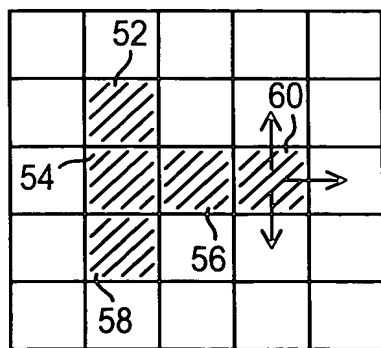


FIG. 5e

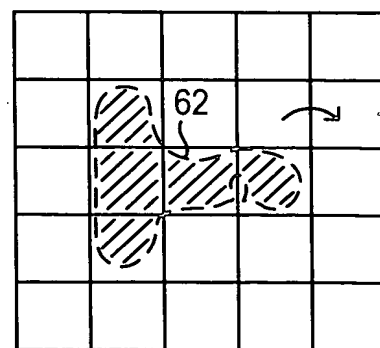


FIG. 5f

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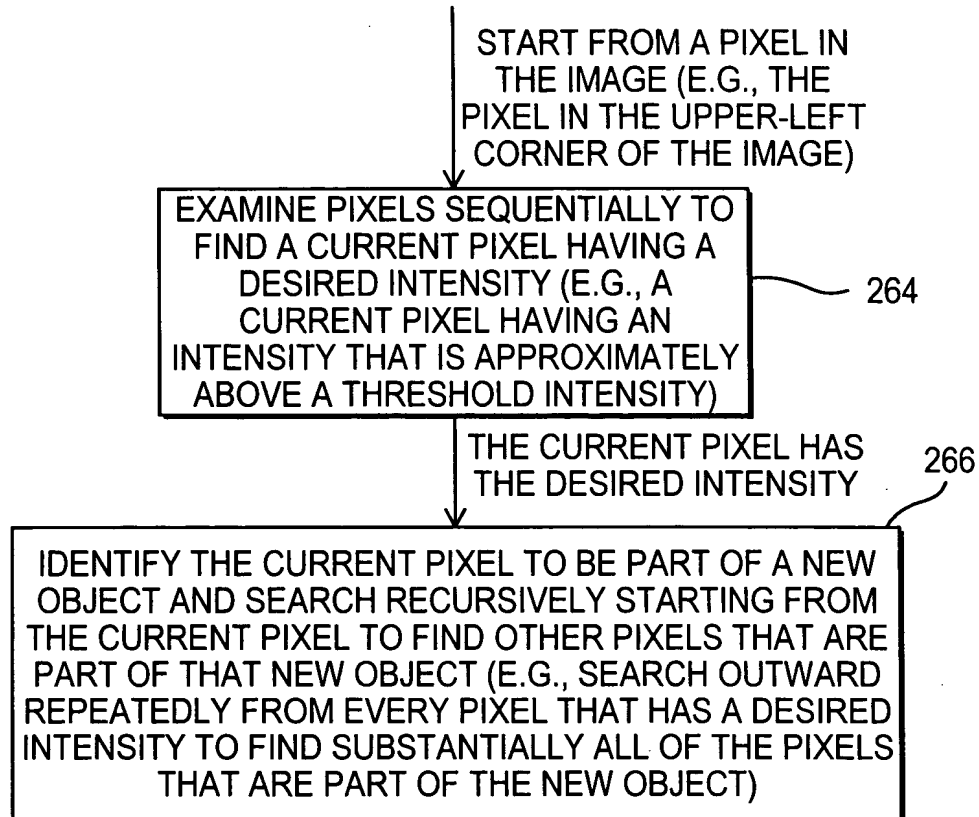
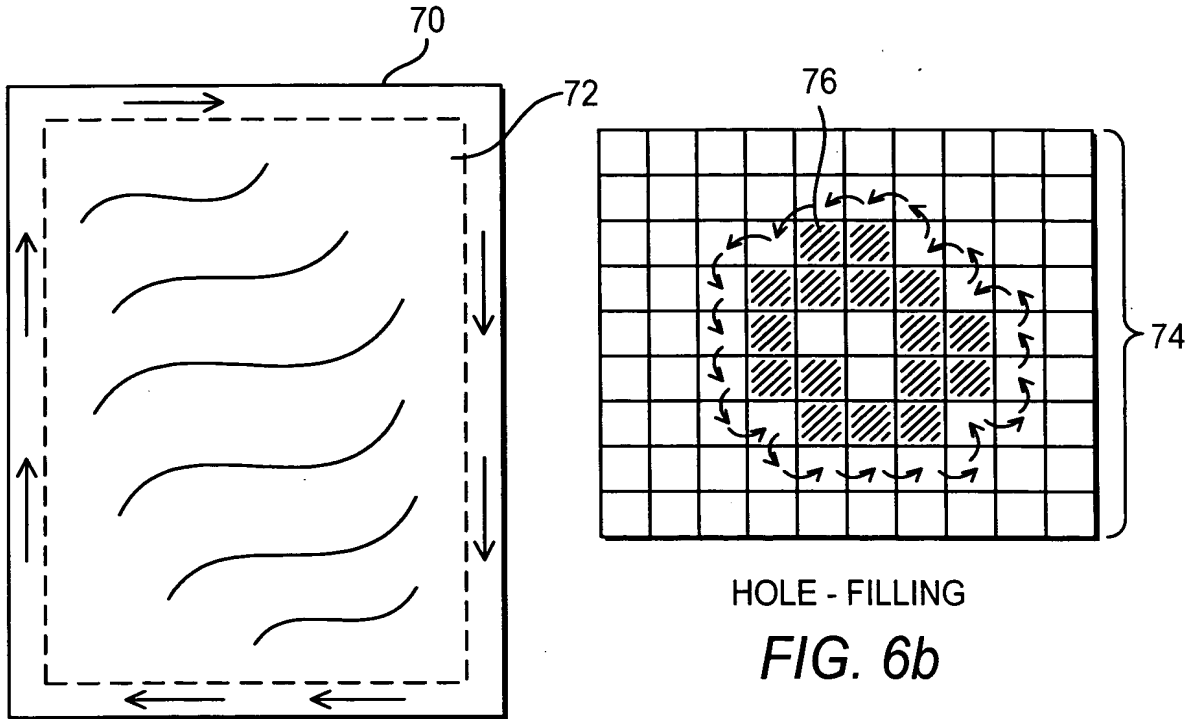


FIG. 5g



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EDGE REJECTION

FIG. 6a

HOLE - FILLING

FIG. 6b

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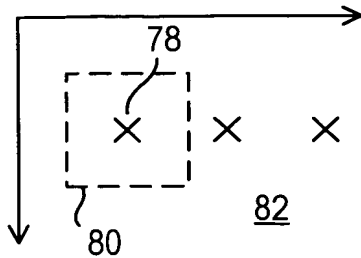


FIG. 7a

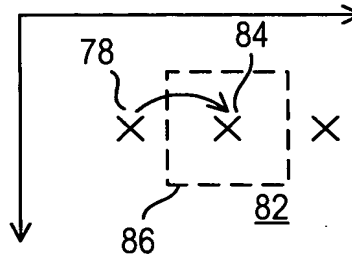


FIG. 7b

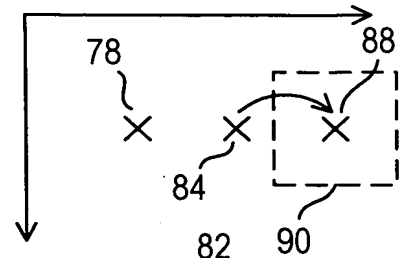


FIG. 7c

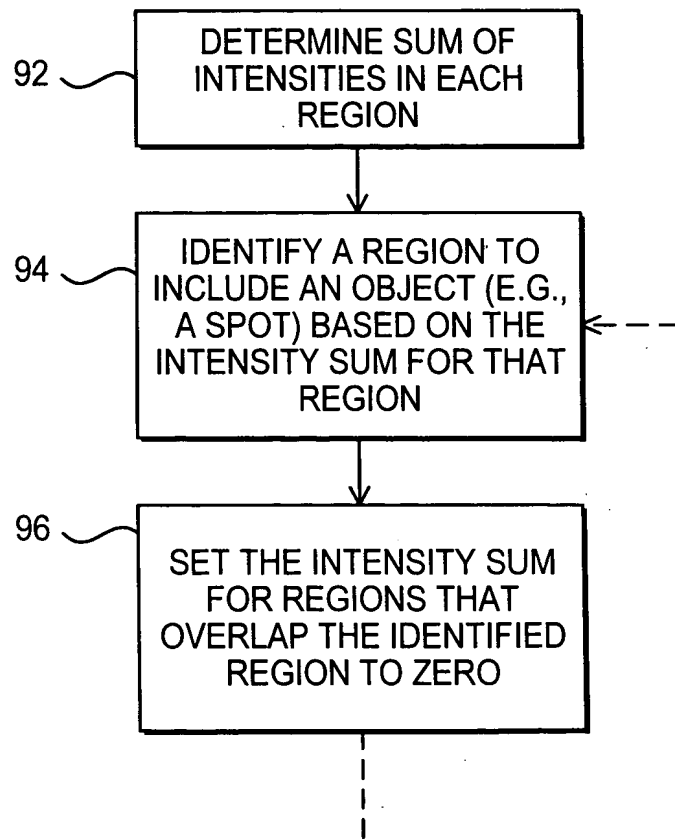


FIG. 8a

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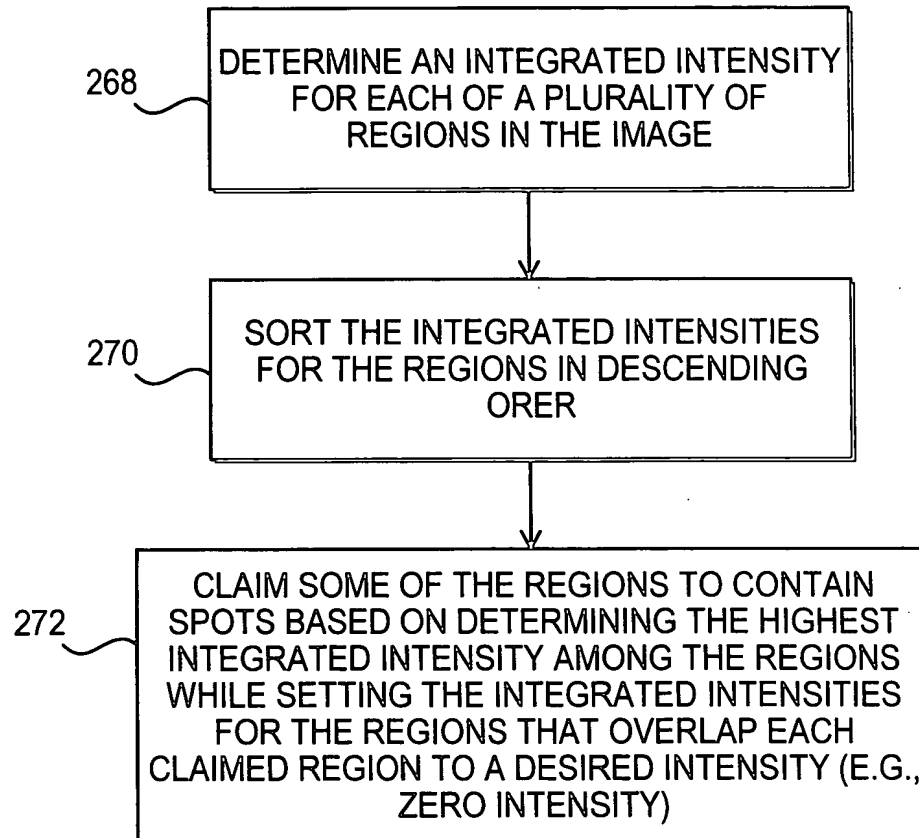


FIG. 8b

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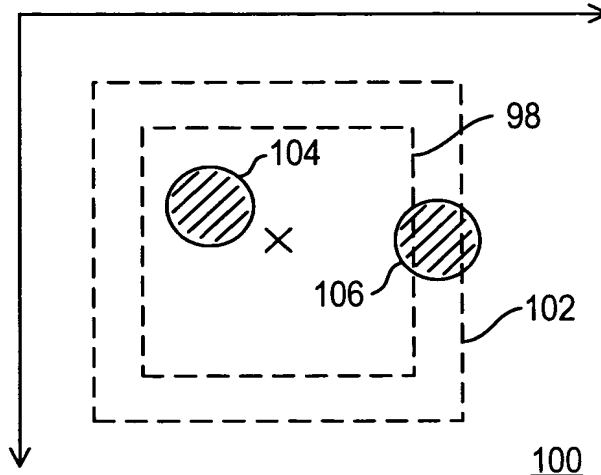


FIG. 9

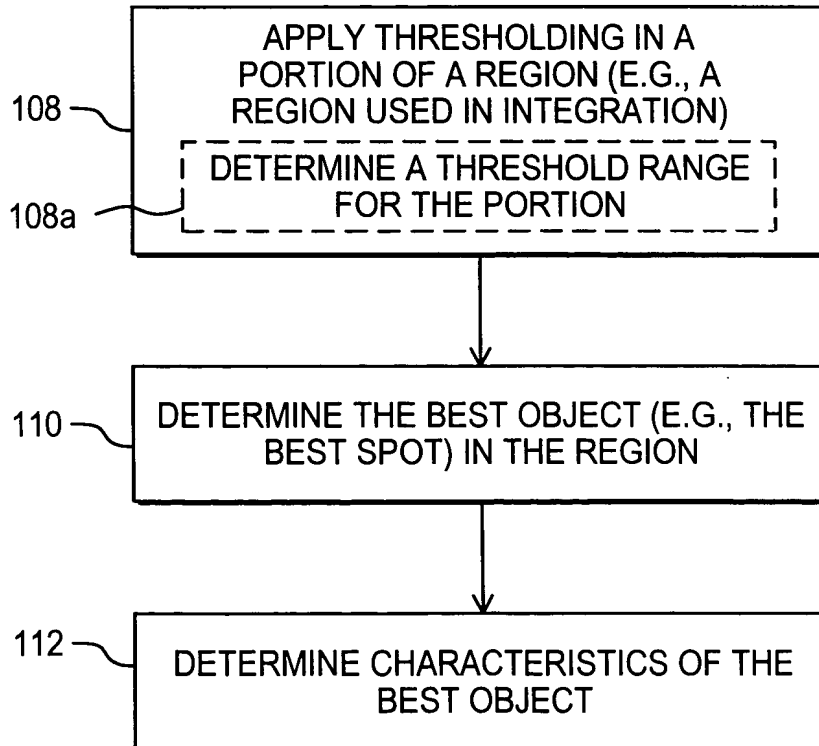


FIG. 10

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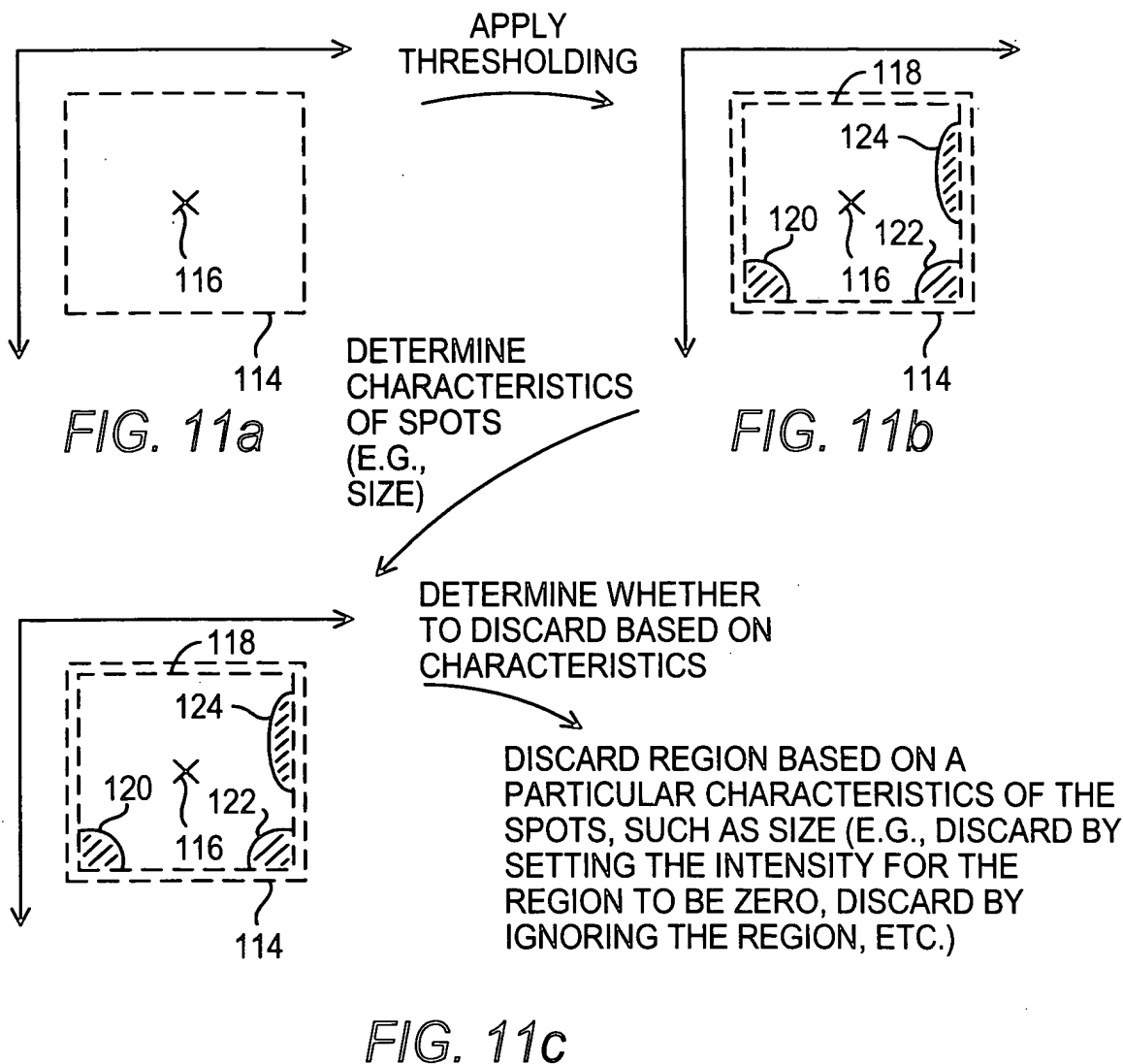


FIG. 11c

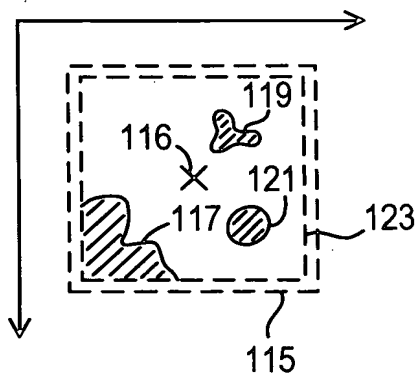
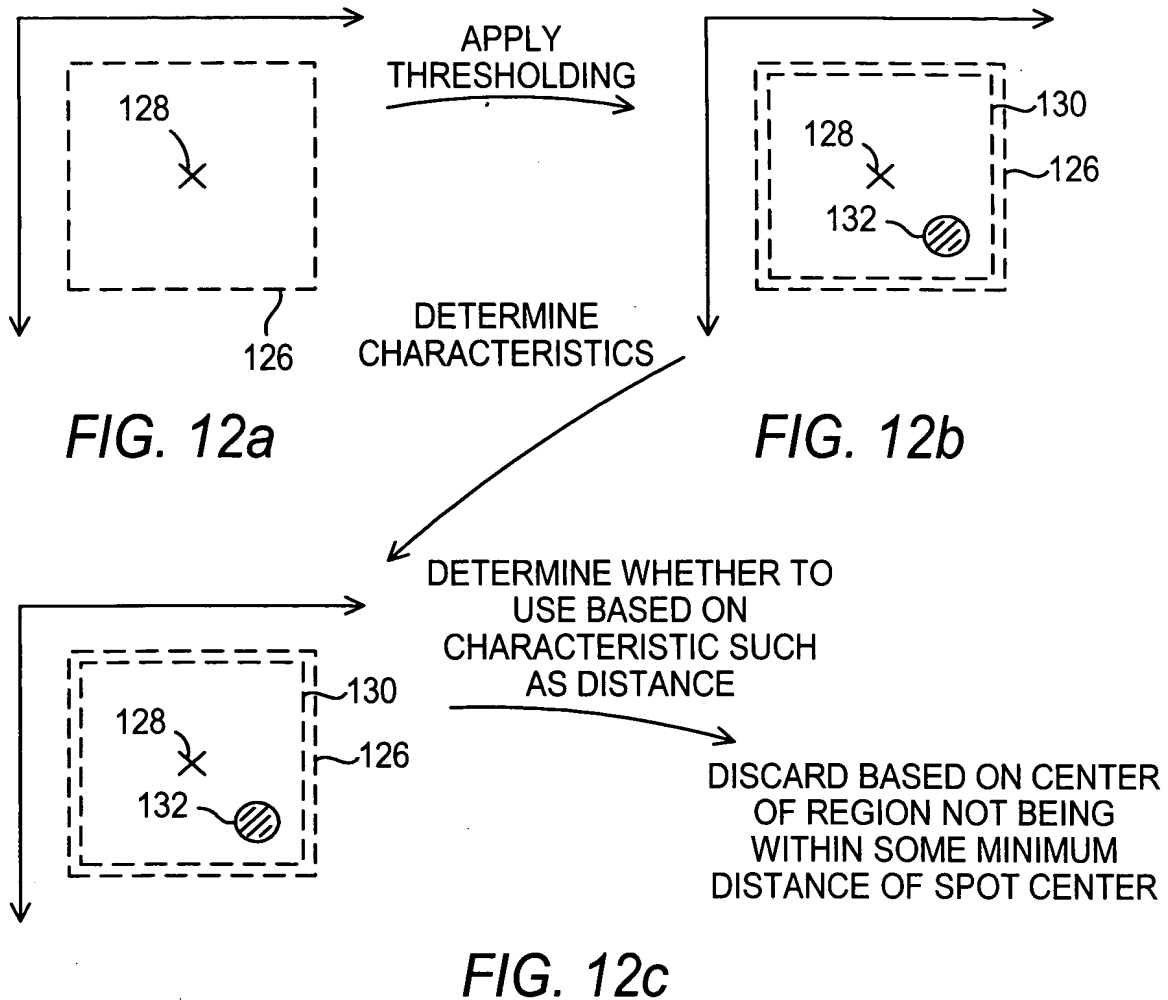


FIG. 11d

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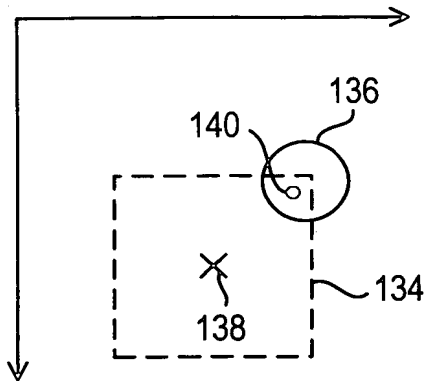


FIG. 13a

MOVE REGION TO  
BE CENTERED ON  
CALCULATED  
SPOT CENTER

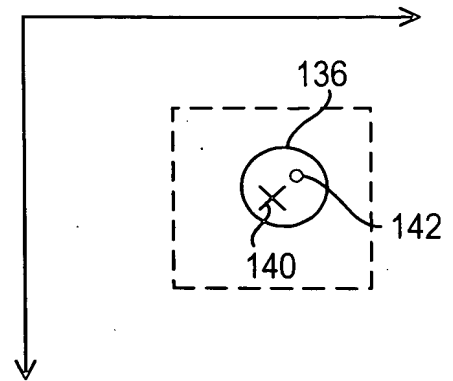


FIG. 13b

MOVE REGION TO BE  
CENTERED ON CALCULATED  
SPOT CENTER

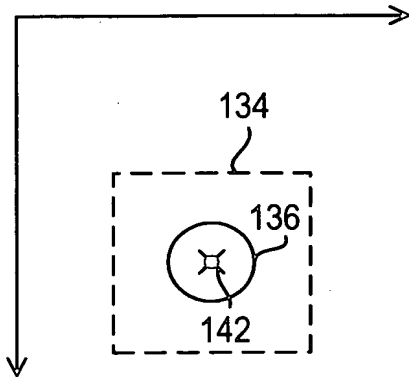


FIG. 13c

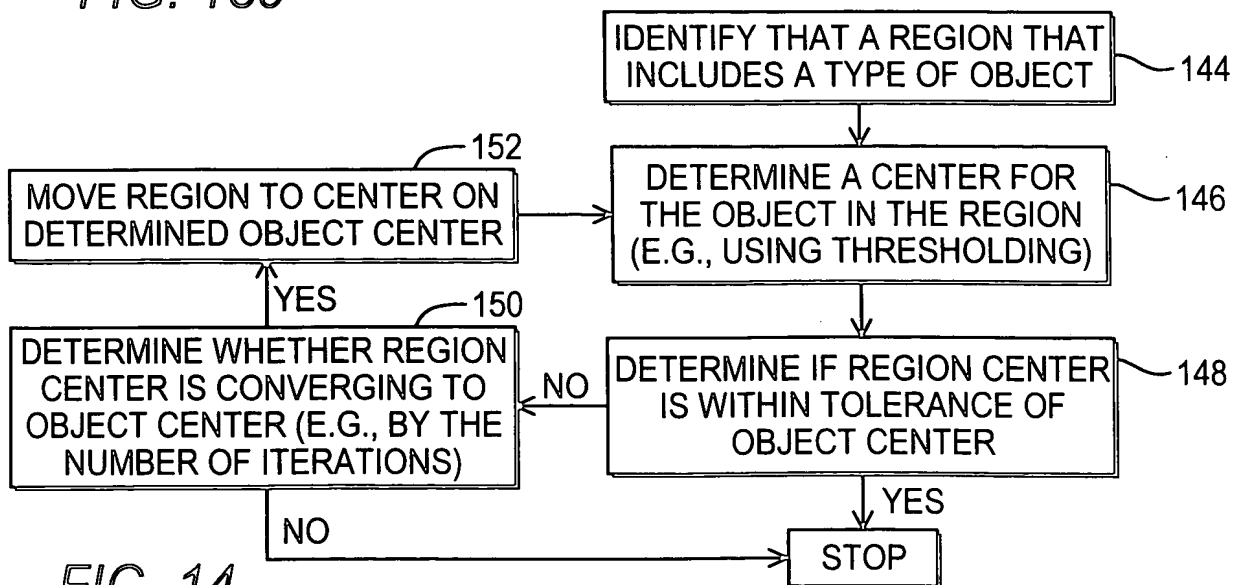


FIG. 14

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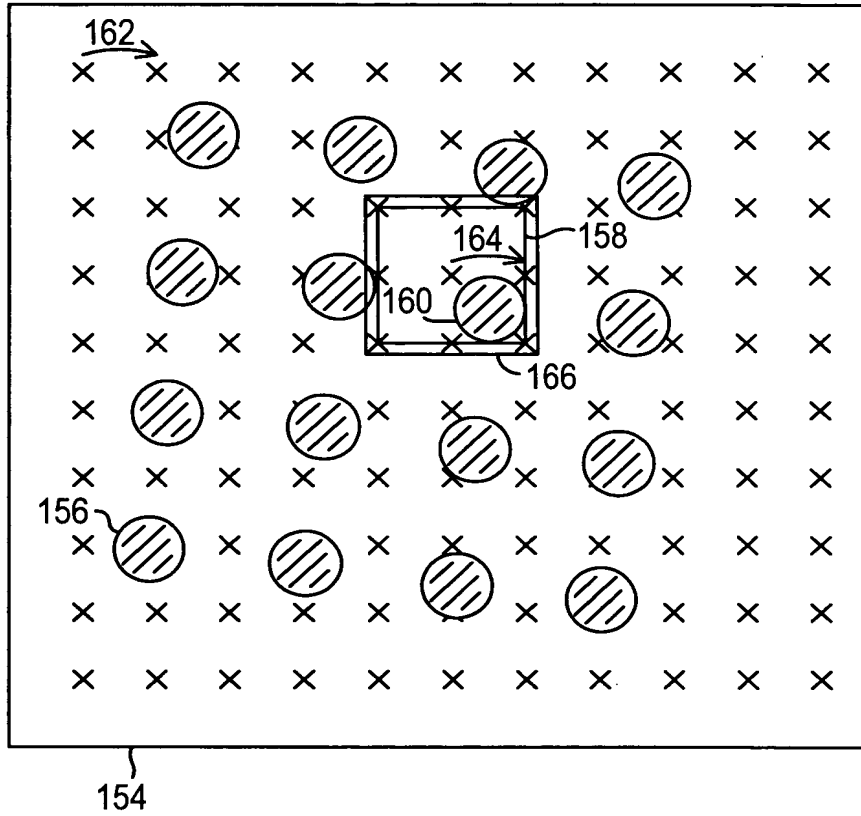


FIG. 15



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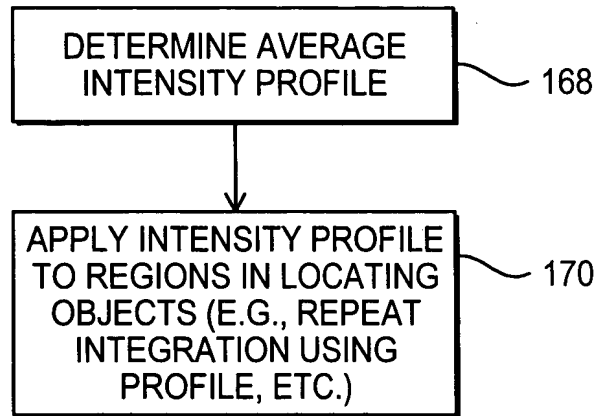
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*FIG. 16*

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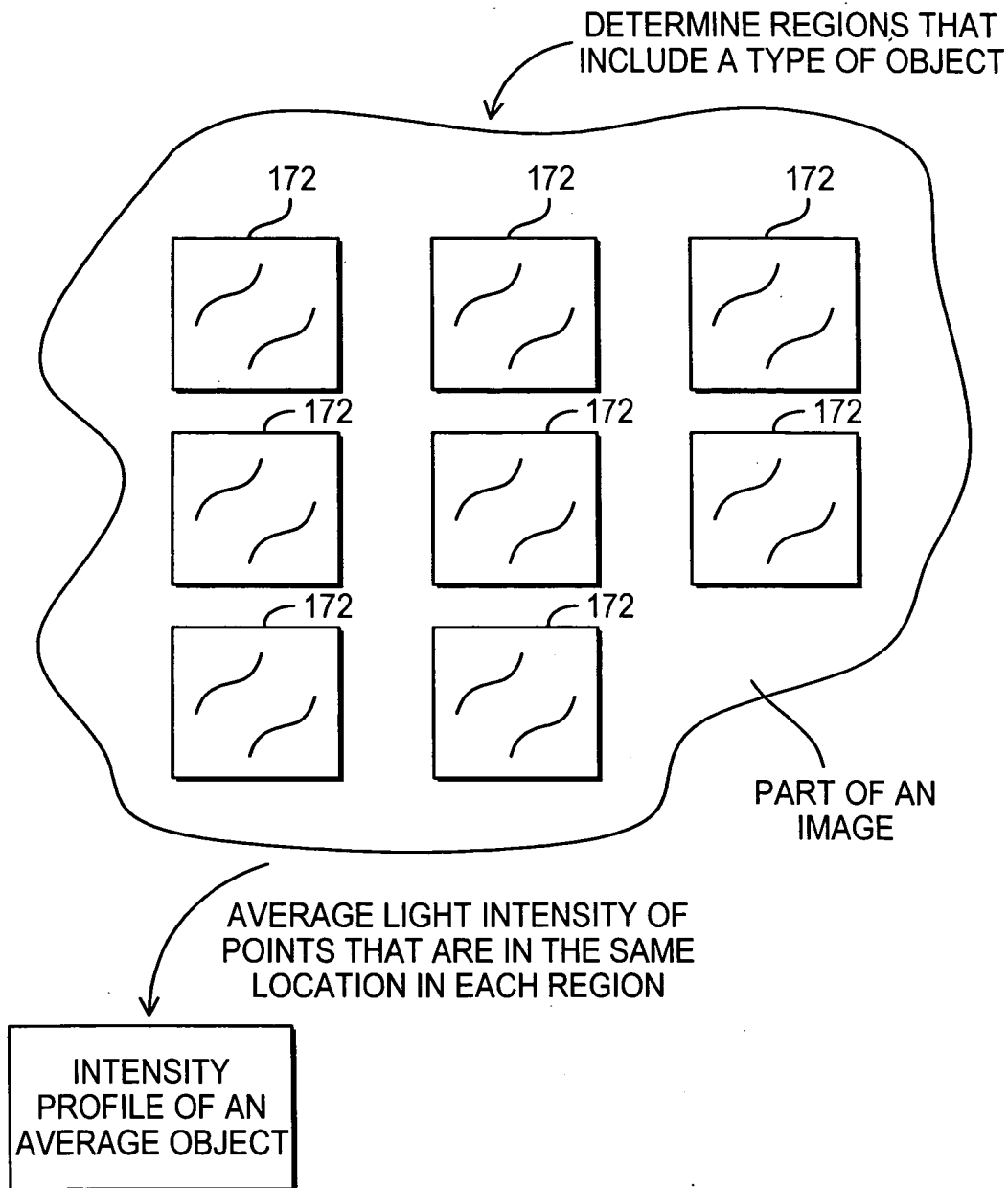


FIG. 17a

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[illegible]

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**FIG. 17b**

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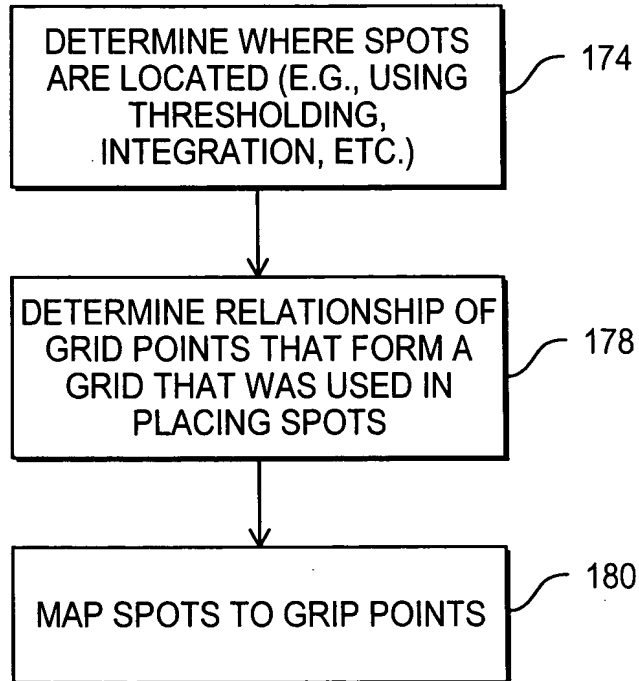
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**FIG. 18**

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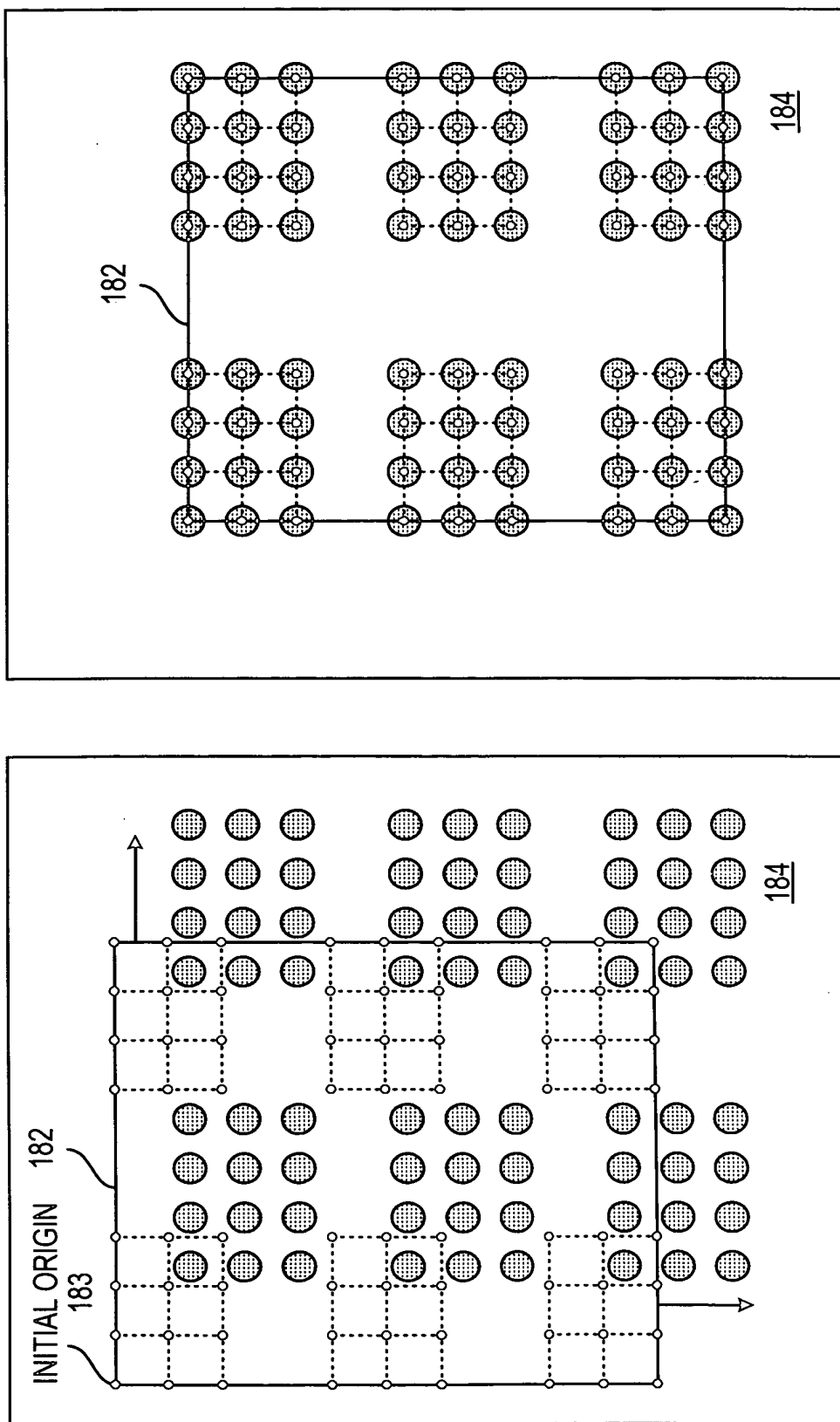
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BEST ORIGIN FOR GRID FOUND

MOVING GRID ON IMAGE

FIG. 19

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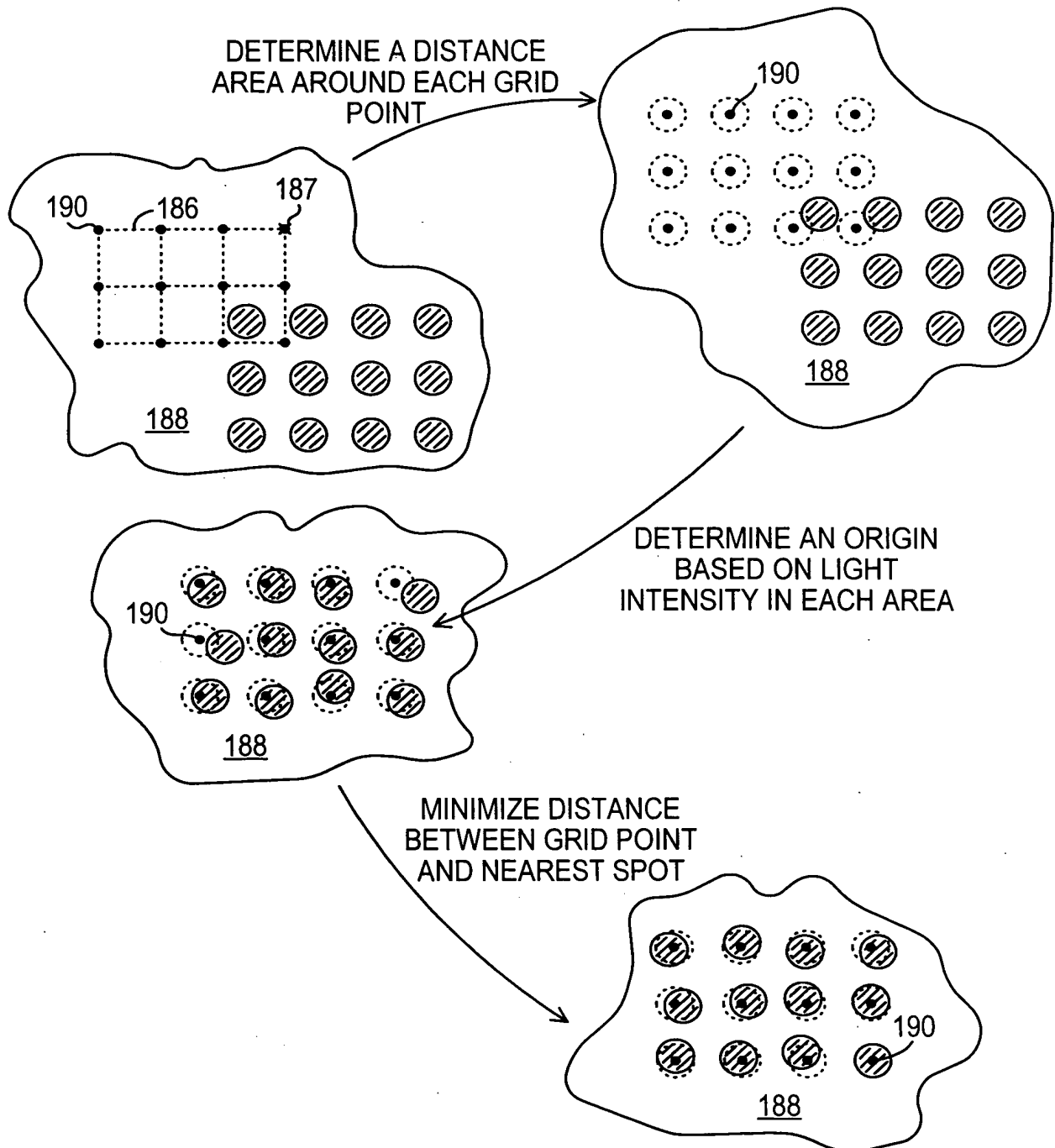
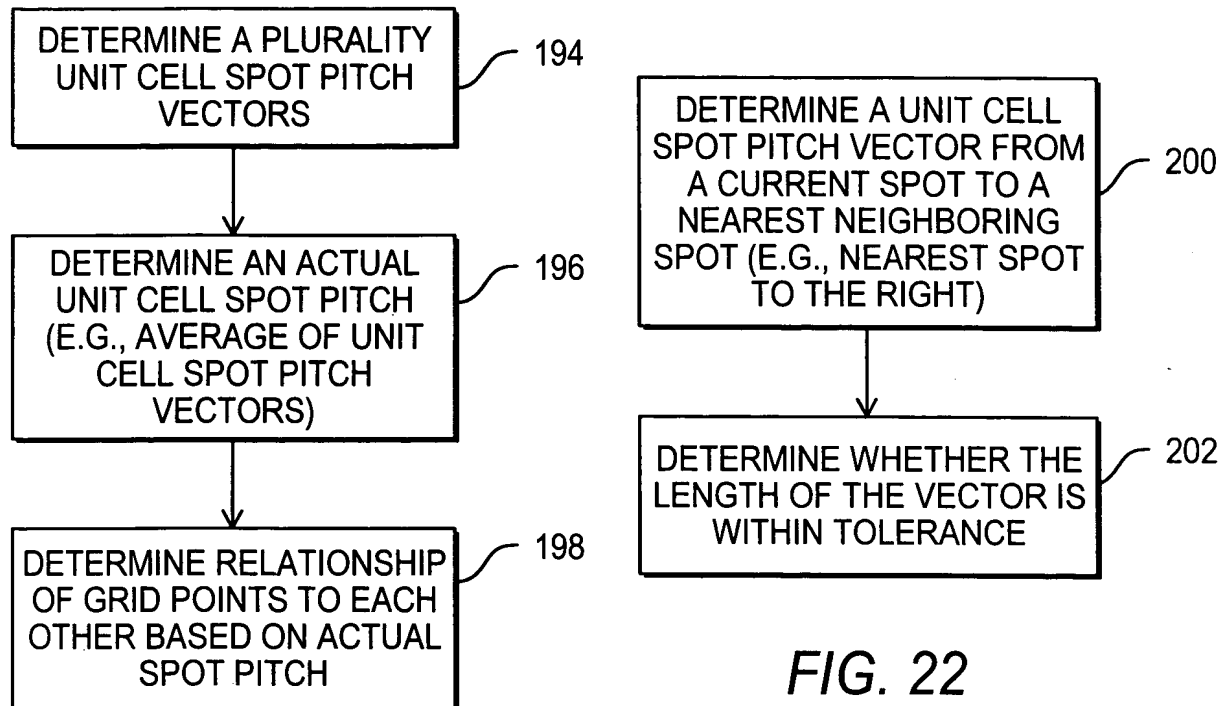


FIG. 20

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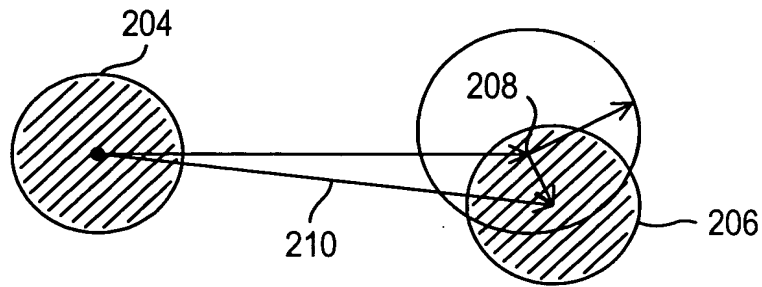
NEAREST NEIGHBOR WITHIN  
TOLERANCE FOR SPOT PITCH VECTOR

FIG. 23a

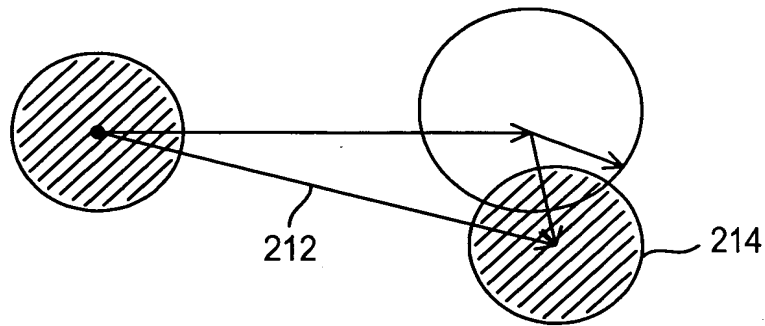
NEAREST NEIGHBOR NOT WITHIN  
TOLERANCE FOR SPOT PITCH VECTOR

FIG. 23b



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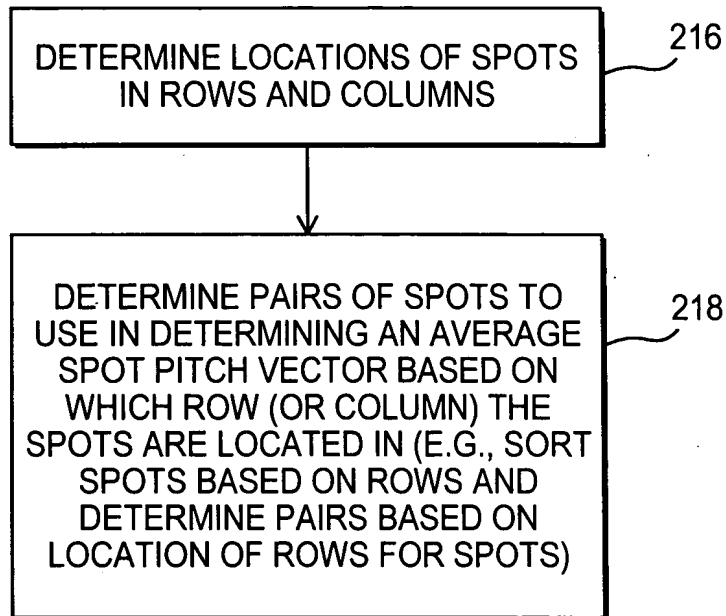


FIG. 24

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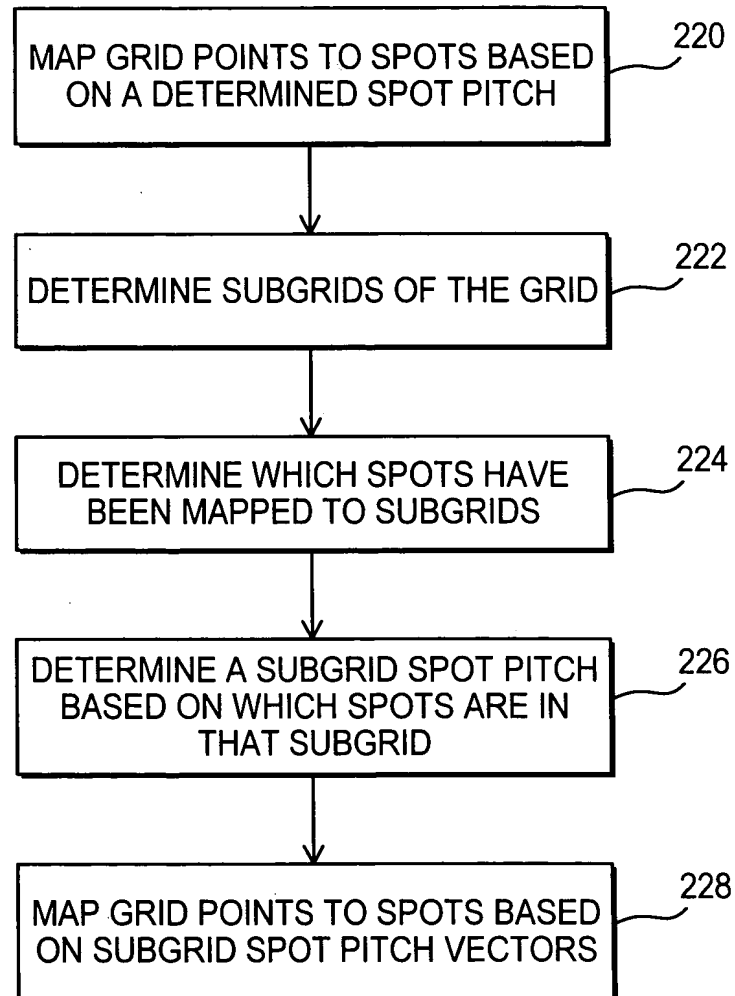


FIG. 25

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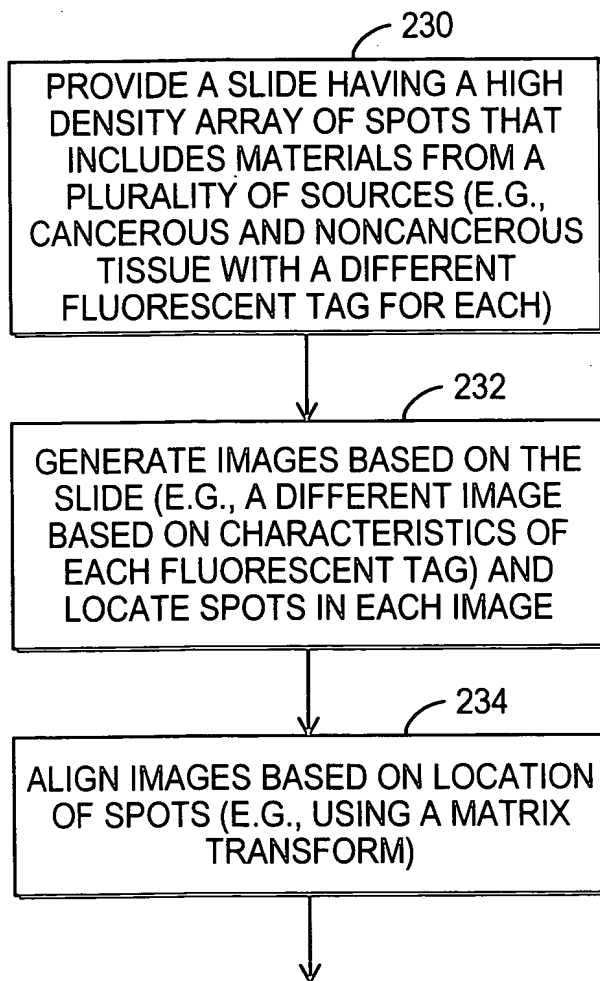


FIG. 26a

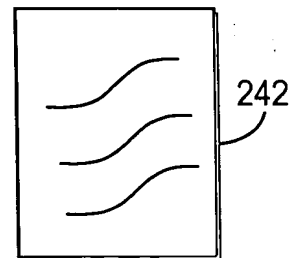


FIG. 27a

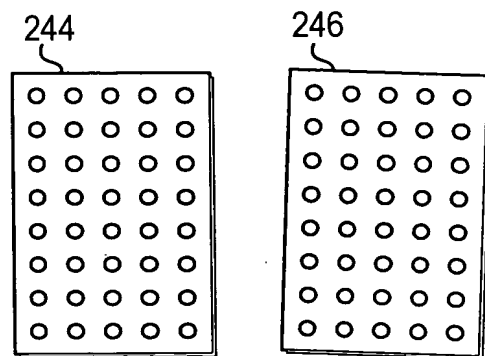


FIG. 27b

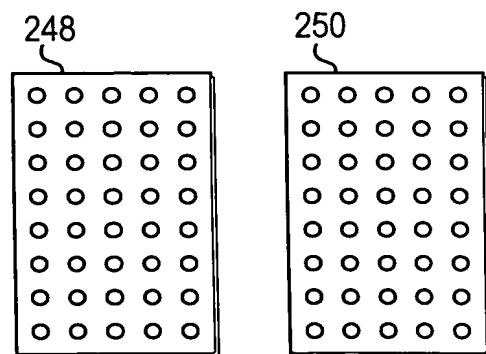


FIG. 27c

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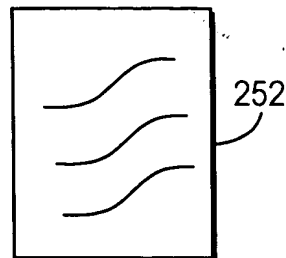
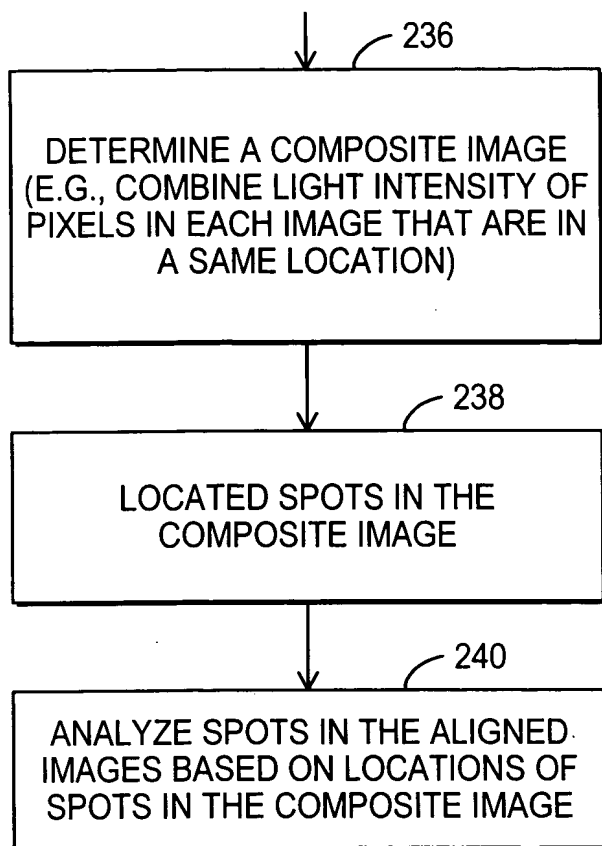


FIG. 27d

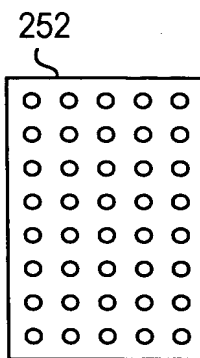


FIG. 27e

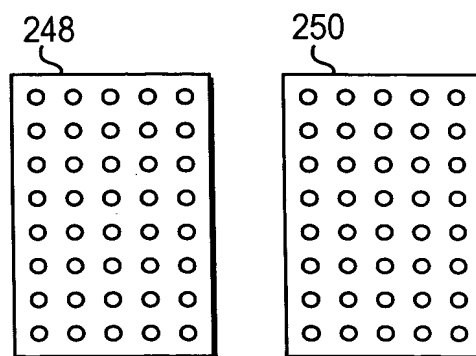


FIG. 27f

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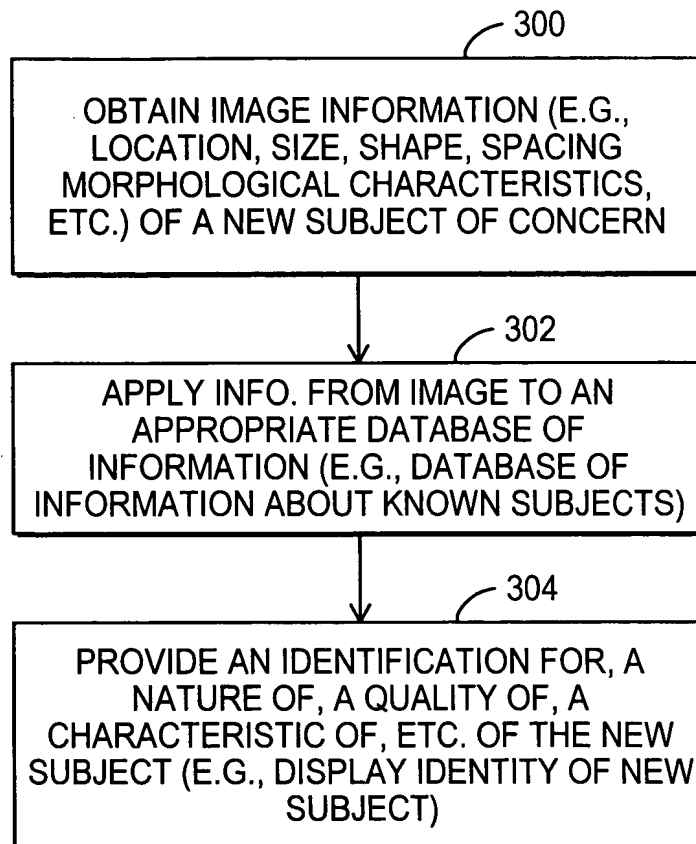


FIG. 28

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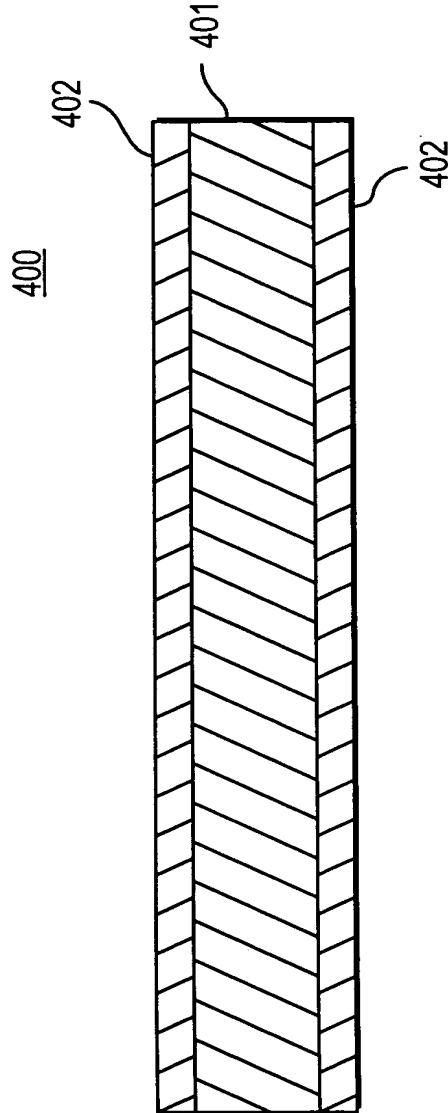


FIG. 29

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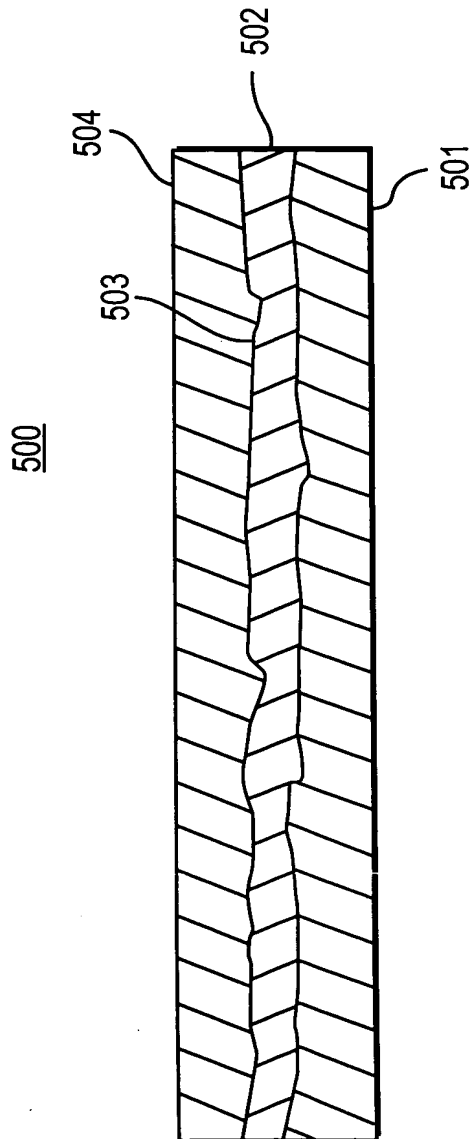


FIG. 30